

## We Claim:

1. In combination, an armrest having an opening at one end and a mounting mechanism, wherein said mounting mechanism comprises hub means for carrying said armrest in pivotal motion, index plate means for controlling the motion of said armrest, and spring plate means for controlling the operation of a lock pin engaged in said index plate.

2. A pivoting armrest comprising a first elongate portion configured to receive an arm of a passenger and a second portion, wherein said second portion comprises a hubplate having a hole therein configured to receive a hub and allow pivotal motion of said armrest about said hub, and further comprising a lock pin mounted to said second portion to move with respect to said second portion, and a handgrip pivotally mounted to said second portion and connected to said lock pin for controlling motion of said lock pin.

3. An armrest according to claim 2 further comprising a resilient plate mounted to said second portion and engaging said lock pin and said handgrip, said resilient plate being arranged to urge said lock pin in a first direction and to pull said lock pin in a second direction when a force is applied to the resilient plate by said control handle.

4. An armrest according to claim 3 wherein said first portion is elongated in a horizontal direction and said second portion is displaced from said first portion in a vertical direction whereby said armrest is configured to be mounted to a lower part of a vehicle seat frame.

5. An arm rest according to claim 4 wherein said second portion has a lower edge and said handgrip has a lower edge adjacent the lower edge of said second portion.

6. An armrest according to claim 5 wherein said hub includes an outer cylindrical surface that engages said hole and includes a cavity configured to receive a control cable. *what for?*

7. An armrest according to claim 6 wherein said hub further includes curved surfaces providing an entrance for said control cable to said cavity.

8. An armrest according to claim 7 wherein said first portion further comprises a control mechanism for said control cable.

9. An armrest according to claim 5 further comprising an index plate having surfaces therein configured to receive said lock pin.

10. A hub for mounting a pivotal armrest comprising a body having a cylindrical outer surface and a central cavity configured to receive a control cable, and further comprising spaced, opposed curved surfaces providing an entrance to said cavity.

11. A hub according to claim 10 wherein said central cavity extends in a direction along the axis of said cylindrical surface and opens to one side of said body.